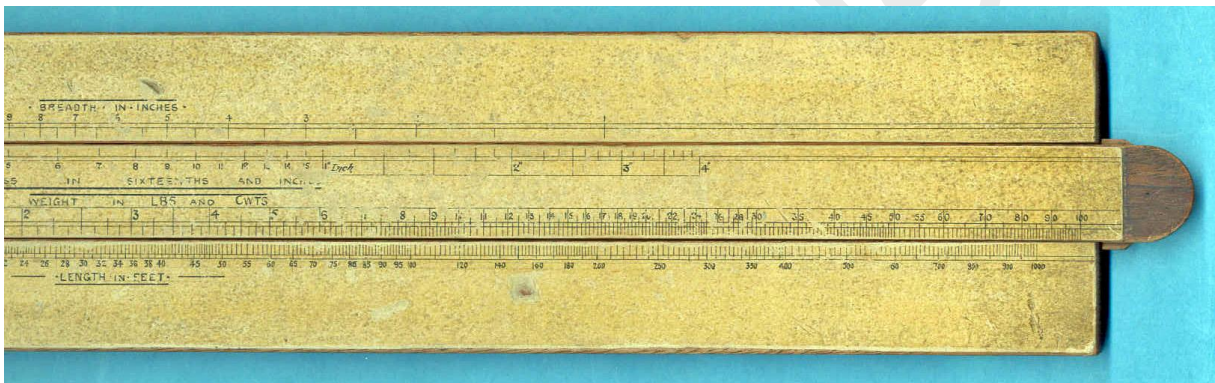
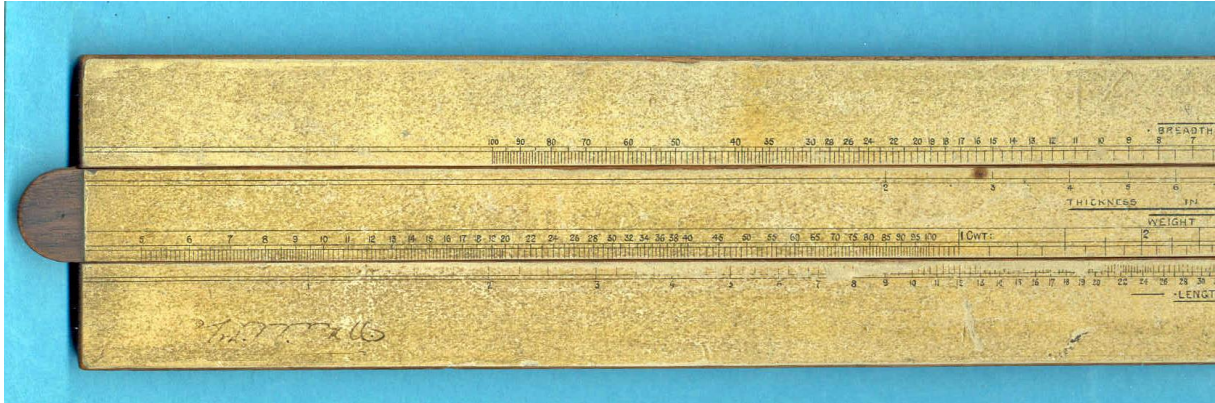


Title: SLIDE RULE FOR IMPERIAL UNITS

Owner: D.G. Rance

Pictures



Purpose of the Slide Rule:

The purpose of this simplex linear slide rule item is still much of a mystery. All the scales are logarithmic; suggesting the main purpose was calculations. However, the lack of a cursor (not needed, rather than lost) and any obvious “read off” points is puzzling. The existence of scales for length, breadth and depth suggests a certain similarity to specialist slide rules for the timber trade. Yet, to my knowledge, none of the known slide rules for the timber trade includes a scale for weight in hundredweights (CWTs) and pounds (Lbs).

Dimensions:

- **Base:** 490 mm x 72 mm x 10 mm.
- **Slide:** 520 mm x 22 mm x 10 mm
- **Cursor:** none

Material:

- **Base:** mahogany base with glued paper covering and an $A = BC = D$ scale layout.
- **Slide:** same as the base except for two retaining lips at the top and bottom of the slide that fit into specially cut groves in the base.
- **Finishing:** paper with printed scales and descriptions.

Layout and scales:

- **Base above the slide:**
 - single inverted Breadth scale in inches running 100 inches down to 0
- **Slide:**
 - upper scale for Thickness in sixteenths and inches running 0 – to 4 inches.
 - lower scale for Weight in pounds (Lbs) and hundredweights (CWT) running from 0 Lbs to 100 CWT.
- **Base below the slide:**
 - single scale for Length in feet running from 0 to 1000 feet.

Remarks:

- No manual.
- Has anyone any idea how it was used and/or what it was used for?

Designer:

No information apart from a virtually illegible (owners ?) signature

Manufacturer:

The slide rule has a handmade look and feel to it and given its use of imperial units, it is probably of British origin. The scales appear accurately drawn and printed onto the paper.